

ABSTRACT OF THE DISCLOSURE

The invention relates to the use of an ionic liquid as a matrix liquid for organic synthesis in a homogeneous phase on a soluble medium, said ionic liquid being present in the form of a liquid or solid at room temperature, having formula $A_1^+X_1^-$, A_1^+ representing a functional or non-functional cation or a mixture of cations wherein none of said cations are functional or at least one of the cations is functional, and X_1^- a functional or non-functional anion or a mixture of anions wherein none of the anions are functional or at least one of the anions is functional.